

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/501,628
Source: pcr/po
Date Processed by STIC: 12/6/04

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PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/501,628

DATE: 12/06/2004

TIME: 11:41:00

Input Set : A:\96700-905 seq list.ST25.txt
 Output Set: N:\CRF4\12062004\J501628.raw

3 <110> APPLICANT: ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY
 4 MARTIN, Alberto
 5 SCHARFF, Matthew D.
 7 <120> TITLE OF INVENTION: MUTATIONS CAUSED BY ACTIVATION-INDUCED CYTIDINE DEAMINASE
 9 <130> FILE REFERENCE: 96700/905
 11 <140> CURRENT APPLICATION NUMBER: US 10/501,628
 12 <141> CURRENT FILING DATE: 2004-07-15
 14 <150> PRIOR APPLICATION NUMBER: PCT/US03/01149
 15 <151> PRIOR FILING DATE: 2003-01-15
 17 <160> NUMBER OF SEQ ID NOS: 14
 19 <170> SOFTWARE: PatentIn version 3.2
 21 <210> SEQ ID NO: 1
 22 <211> LENGTH: 342
 23 <212> TYPE: DNA
 24 <213> ORGANISM: Mus sp.
 26 <400> SEQUENCE: 1
 27 gtccaactgc agcagcctgg ggctgagctt gtgaagcctg gggcttcagt gaagctgtcc 60
 29 tgcaggctt ctggctacac cttcaccaggc tactggatgc actgggtgaa gcagaggcct 120
 31 ggacgaggcc tttagtgat tggaaggatt gatctaata gtgggtgtac taagtacaat 180
 33 gagaagttca agagcaaggc cacactgact gtagacaaaac cctccagcac agcctacatg 240
 35 cagctcagca gcctgacatc tgaggactct gcggcttatt atttgcaag agggtaactat 300
 37 ggtatccact ttgactactg gggccaaggc accactctca ca 342
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 597
 42 <212> TYPE: DNA
 43 <213> ORGANISM: Homo sapiens
 45 <400> SEQUENCE: 2
 46 atggacagcc tcttgatgaa ccggaggaag tttctttacc aattcaaaaaa tgtccgctgg 60
 48 gctaagggtc ggcgtgagac ctacctgtgc tacgttgta agaggcgta cagtgtaca 120
 50 tcctttcac tggactttgg ttatcttcgc aataagaacg gctgccacgt ggaattgctc 180
 52 tccctccgct acatctcgaa ctgggaccta gaccctggcc gctgctaccg cgtcacctgg 240
 54 ttcacctctt ggagccccctg ctacgactgt gcccgacatg tggccgactt tctgcgaggg 300
 56 aaccccaacc tcagtctgag gatcttcacc gcgcgcctct acttctgtga ggaccgcaag 360
 58 gctgagcccg aggggctgcg gcggctgcac cgcgcgggg tgcaaatacg catcatgacc 420
 60 ttcaaagatt attttactg ctggaatact tttgtagaaa accatgaaag aactttcaaa 480
 62 gcctggaaag ggctgcatga aaattcaggc cgtctctcca gacagcttcg ggcacatcctt 540
 64 ttgcccctgt atgagggtga tgacttacga gacgcatttc gtactttggg actttga 597
 67 <210> SEQ ID NO: 3
 68 <211> LENGTH: 20
 69 <212> TYPE: DNA
 70 <213> ORGANISM: Artificial
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: primer

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75 <400> SEQUENCE: 3
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79 <210> SEQ ID NO: 4
80 <211> LENGTH: 19
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: primer
87 <400> SEQUENCE: 4
88 tgaaggctca gaatccccc
91 <210> SEQ ID NO: 5
92 <211> LENGTH: 23
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial
96 <220> FEATURE:
97 <223> OTHER INFORMATION: primer
99 <400> SEQUENCE: 5
100 cccctcctt gccgacatct tcc
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 22
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: primer
111 <400> SEQUENCE: 6
112 tccattcctc ctcgtcacag tc
115 <210> SEQ ID NO: 7
116 <211> LENGTH: 22
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial
120 <220> FEATURE:
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123 <400> SEQUENCE: 7
124 cacacagctc agacgcaacc cc
127 <210> SEQ ID NO: 8
128 <211> LENGTH: 28
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial
132 <220> FEATURE:
133 <223> OTHER INFORMATION: primer
135 <400> SEQUENCE: 8
136 ggatcattta ccaggagagt gggagagg
139 <210> SEQ ID NO: 9
140 <211> LENGTH: 20
141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial
144 <220> FEATURE:
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147 <400> SEQUENCE: 9

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152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial
156 <220> FEATURE:
157 <223> OTHER INFORMATION: primer
159 <400> SEQUENCE: 10
160 gtgacattcc tggaaagtgc          20
163 <210> SEQ ID NO: 11
164 <211> LENGTH: 21
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial
168 <220> FEATURE:
169 <223> OTHER INFORMATION: primer
171 <400> SEQUENCE: 11
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175 <210> SEQ ID NO: 12
176 <211> LENGTH: 22
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial
180 <220> FEATURE:
181 <223> OTHER INFORMATION: primer
183 <400> SEQUENCE: 12
184 cacgataactt catctcatct gg      22
187 <210> SEQ ID NO: 13
188 <211> LENGTH: 21
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial
192 <220> FEATURE:
193 <223> OTHER INFORMATION: primer
195 <400> SEQUENCE: 13
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199 <210> SEQ ID NO: 14
200 <211> LENGTH: 22
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial
204 <220> FEATURE:
205 <223> OTHER INFORMATION: primer
207 <400> SEQUENCE: 14
208 tcgactcatc tcagcattaa ag      22

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Input Set : A:\96700-905 seq list.ST25.txt
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:3,4,5,6,7,8,9,10,11,12,13,14

VERIFICATION SUMMARY

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